

Condensr Fan Motor Replacement



Remove all power by unplugging the line cord and all other wires connected to chiller.



Use proper ESD (Electro Static Discharge) procedures when handling the control board and display panel. Typically a grounded wrist strap is used to ground the individual so static discharge is released prior to and during handling.

Procedure:

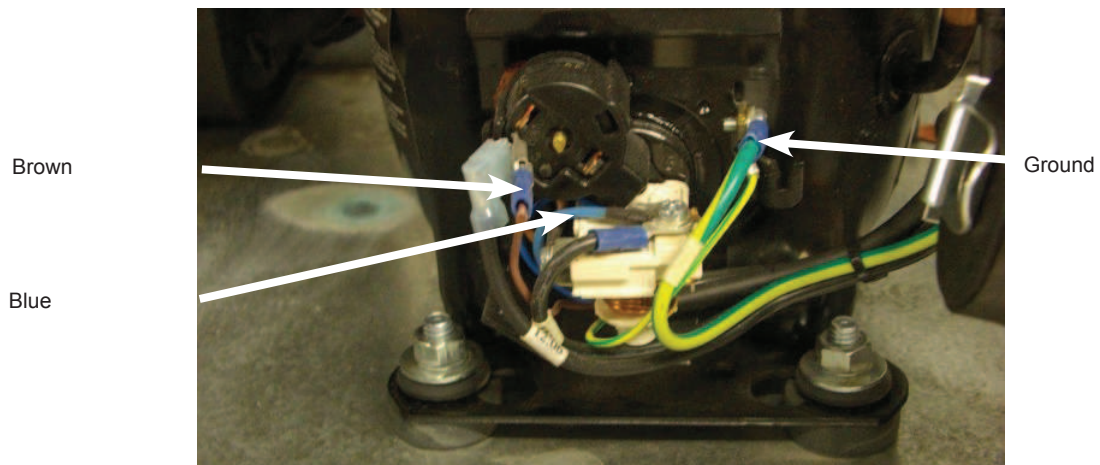
1. Remove all panels to gain access to the refrigeration system.
2. Disconnect the electrical components on the compressor. Start by labeling all wires and location to make it easier when performing the final wiring. Disconnect the capacitor mounted on top of the compressors electrical box. Loosen the mounting bracket screw and roll the capacitor backwards to remove.



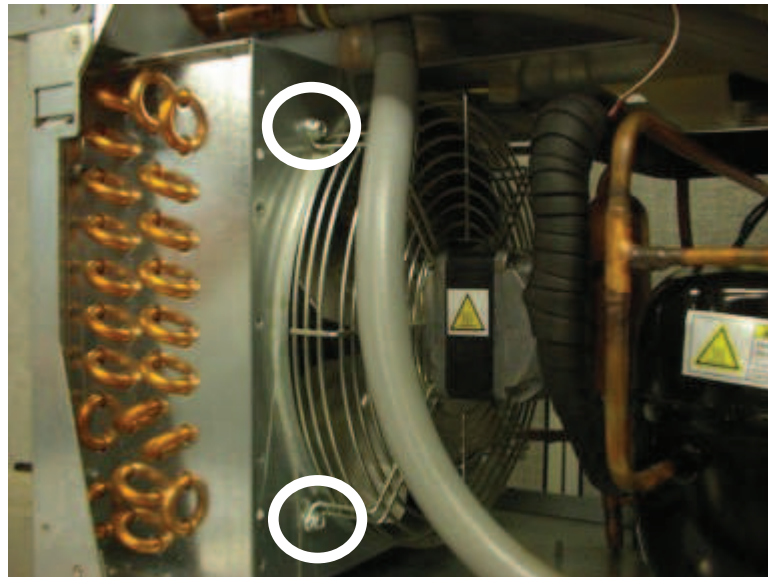
3. Remove the cover protecting the start components by placing a small flat head screwdriver into the center slot located at the bottom of the cover. Gently depress the tab (up or down?) until the catch releases. Pull the bottom out and up to remove



4. Mark the wires and their locations to assist with the rewiring of the condenser fan motor.



5. After removing the wiring from the compressor, remove the four bolts holding the fan guard to the condensing unit.



6. Once loose, remove the fan assembly to gain access to the fan blade and motor mounts.

7. Remove the fan blade, and the four bolts that mount the fan motor to the guard.